

## **Nu-Metrics Traffic Analyzer Study**

### **Computer Generated Summary Report**

**City: South side of the median**

**Street: Cedar Ave. #1 Blue**

A study of vehicle traffic was conducted with HI-STAR unit number 712. The study was done in the South Bound lane on Cedar Ave. using counter #1 Blue as shown on attached drawing. The counter was placed on the south side of the median towards Second St. The study began on 01/21/2004 at 12:00 PM and concluded on 01/23/2004 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 436 vehicles passed through the location with a peak volume of 66 on 01/22/2004 at 03:00 PM and a minimum volume of 0 01/21/2004 at 10:00 PM. The AADT Count for this study was 218.

#### **SPEED**

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

**Chart 1**

0	68	245	520	513	174	60	57
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#### **HEADWAY**

During the peak time period, on 01/22/2004 at 03:00 PM the average headway between the vehicles was 53.73 seconds. The slowest traffic period was on 01/21/2004 at 10:00 PM. During this slowest period, the average headway was 3600.0 seconds.

#### **WEATHER**

The roadway surface temperature over the period of the study varied between 21 and 48 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.